

WHAT IS CLAIMED IS:

1. A method of configuring an image forming apparatus, comprising:
setting a first imaging option, from a first group of imaging options,
based on information provided by a user;
determining a default setting for a second imaging option from a second
group of imaging options, the default setting for the second imaging option
being associated with the set first imaging option;
setting, based on information provided by the user, the second imaging
option from the second group of imaging options; and
selectively updating the default setting for the second imaging option
based on the set first imaging option and the set second imaging option.
2. The method of claim 1, wherein updating the default setting for the
second imaging option comprises updating a user history based on the set first
imaging option and the set second imaging option.
3. The method of claim 2, further comprising:
identifying the user of the image forming apparatus; and
loading the user history for the identified user.
4. The method of claim 1,
wherein updating the default setting for the second imaging option
comprises updating a history table having a predetermined number of entries
of imaging options provided by the user, and
wherein determining the default setting for the second imaging option
comprises determining which second imaging option in the history table is
most often provided by the user in combination with the set first imaging
option.
5. The method of claim 4,

wherein determining the default setting for the second imaging option further comprises determining a correspondence frequency of the second imaging option in the history table most often provided by the user in combination with the set first imaging option, and

wherein updating the default setting for the second imaging option comprises changing the default setting for the second imaging option only if the correspondence frequency is greater than or equal to a predetermined value.

6. The method of claim 5, wherein the predetermined frequency is greater than or equal to 50%.

7. The method of claim 1, further comprising:

determining a default setting for a third imaging option from a third group of imaging options, the default setting for the third imaging option being associated with at least one of the set first imaging option and the set second imaging option;

setting the third imaging option from the third group of imaging options as selected by the user; and

selectively updating the default setting for the third imaging option based on the set first imaging option, the set second imaging option, and the set third imaging option.

8. The method of claim 1, wherein the first group of imaging options comprises a color option and black-and-white option.

9. The method of claim 8, wherein the second group of imaging options comprises at least one of a duplex setting, an N-in-1 images setting, a staple setting, and a hole punch setting.

10. The method of claim 6, wherein the first group of imaging options comprises a color option and a black-and-white option, the second group of imaging options comprises at least one of a duplex setting, an N-in-1 images setting, a staple setting, and a hole punch setting, and the third group of imaging options comprises at least one of the duplex setting, the N-in-1 setting, the staple setting, and the hole punch setting,

wherein the second group of imaging options is different than the third group of imaging options.

11. The method of claim 6, wherein if the set second imaging option is different from the default setting for the second imaging option, the default setting is changed to match the set second imaging option.

12. An image forming apparatus, comprising:

an image former configured to form an image on a media;

a user interface configured to interface with a user; and

a processor electrically coupled to the user interface and configured to control the image former, the processor being programmed to:

set a first imaging option from a first group of imaging options, based on information provided by the user;

determine a default setting for a second imaging option from a second group of imaging options, the default setting for the second imaging option being associated with the set first imaging option;

set the second imaging option from the second group of imaging options, based on information provided by the user;; and

selectively update the default setting for the second imaging option based on the set first imaging option and the set second imaging option.

13. The image forming apparatus of claim 12, further comprising a memory for storing default settings for the second imaging option, the processor being electrically coupled to the memory.

14. The image forming apparatus of claim 12, wherein the processor updates the default setting by updating a user history based on the first imaging option selection and the second imaging option selection.

15. The image forming apparatus of claim 14, wherein the processor is further programmed to:

- identify the user via the user interface; and
- load the user history for the identified user.

16. The image forming apparatus of claim 12,
wherein the processor updates the default setting by updating a history table of previous imaging option selections, and

- wherein the processor loads the default setting for the second imaging option after determining the second imaging option in the history table most often corresponding to the first imaging option selection.

17. The image forming apparatus of claim 16,
wherein the processor loads the default setting for the second imaging option after determining a correspondence frequency of the second imaging option in the history table most often corresponding to the first imaging option selection, and

- wherein the processor only loads the second imaging option in the history table most often corresponding to the selected first imaging option if the correspondence frequency is greater than or equal to a predetermined value.

18. The image forming apparatus of claim 12, wherein the processor is further programmed to:

- load a default setting for a third imaging option based on at least one of the first imaging option selection and the second imaging option selection;
- receive a third imaging option selection from the user interface; and
- update the default setting for the third imaging option based on the first imaging option selection, the second imaging option selection, and the third imaging option selection.

19. The image forming apparatus of claim 12, wherein the first imaging option comprises a color/black-and-white setting.

20. The image forming apparatus of claim 12, wherein the second imaging option comprises one of a duplex setting, an N-in-1 setting, a staple setting, and a hole punch setting.

21. A driver for an image forming apparatus, the driver performing method steps of:

- receiving a first imaging option selection for the image forming apparatus;
- loading a default setting for a second imaging option based on the first imaging option selection;
- receiving a second imaging option selection for the image forming apparatus; and
- updating the default setting for the second imaging option based on the first imaging option selection and the second imaging option selection.

22. The driver of claim 21,

- wherein updating the default setting comprises updating a history table of previous imaging option selections, and

wherein loading the default setting for the second imaging option comprises determining the second imaging option in the history table most often corresponding to the first imaging option selection.

23. The driver of claim 22, wherein loading the default setting for the second imaging option further comprises:

determining a correspondence frequency of the second imaging option in the history table most often corresponding to the first imaging option selection; and

loading the second imaging option in the history table most often corresponding to the first imaging option selection only if the correspondence frequency is greater than or equal to a predetermined value.

24. A method of configuring an image forming apparatus, comprising:

providing a user with a graphical user interface which allows the user to select at least one first imaging option as a selected imaging option, wherein a print or copy job requires selection of the at least one first imaging option and at least one second imaging option;

based on selection of the at least one first imaging option obtained by way of the graphical user interface, determining a default value for the at least one second imaging option.

25. The method of claim 24, wherein the default value for the at least one second imaging option becomes a selected value for the at least one second imaging option if a user does not override the default value by way of an entry made via the graphical user interface.

26. The method of claim 24, wherein the at least one first imaging option includes at least one of Color mode, Duplex mode, Nin1 mode, Staple mode, and Hole Punch mode.

27. The method of claim 24, wherein the at least one second imaging option includes at least one of Color mode, Duplex mode, Nin1 mode, Staple mode, and Hole Punch mode.

28. The method of claim 24, further comprising:

obtaining a user history of imaging option selections made in previous print jobs for the at least one first imaging option and the at least one second imaging option,

wherein the default value for the at least one second imaging option is determined based on the user history.

29. The method of claim 28, further comprising:

identifying the user of the image forming apparatus; and
loading the user history for the identified user.